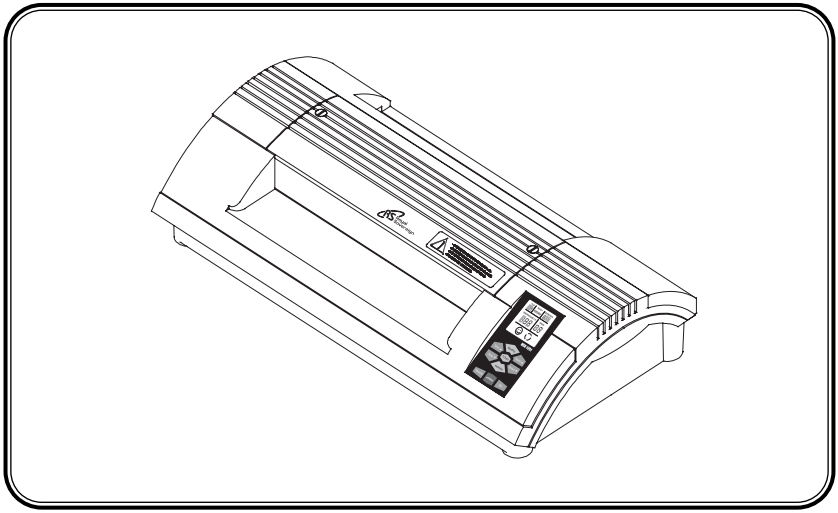
OWNER'S MANUAL

LAMINATOR MODEL NO.HSH-1201



Read all instructions carefully before use.

Royal Sovereign International Inc.

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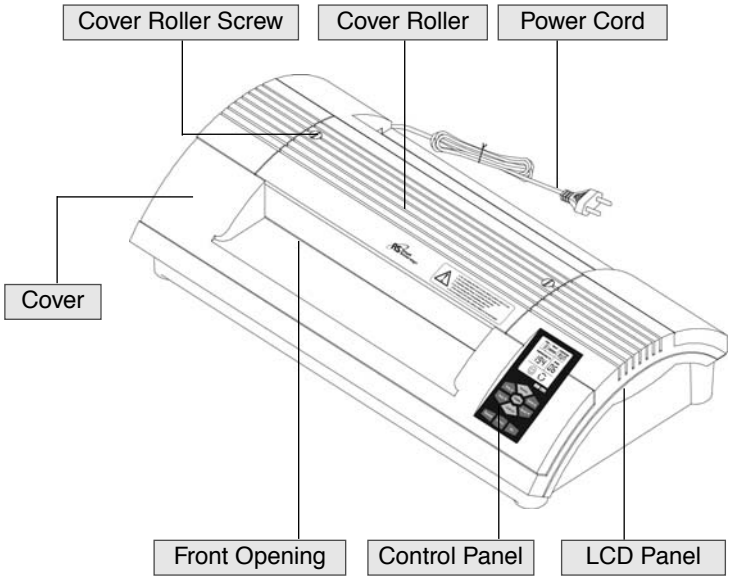
INTRODUCTION

Thank you for purchasing a Royal Sovereign HSH-1201 Laminating Machine.
It has been designed and manufactured to provide years of continuous service.
To insure high quality lamination, please read this instruction manual thoroughly.
This manual will provide you with complete operating and maintenance information.
For additional product support, call Royal Sovereign Customer Service
at (800) 397-1025/201-050-1020

MAJOR PARTS



SAFETY PRECAUTIONS

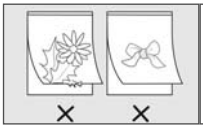
The safety recommendations outlined in this section are to be read, understood and followed before operating the machine. Failure to comply with any of the following safety procedures could result in serious injury. Keep this information for future reference.

1.To prevent the possibility of fire or injury, do not allow articles of clothing (neckties, scarves, or paperclips etc.) inside the machine.

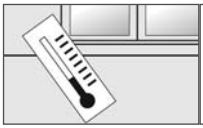
2. Do not attempt to laminate items that exceed total recommended material thickness.

3.To prevent the possibility of electric shock, do not immerse the laminator in water or permit liquids inside the machine.

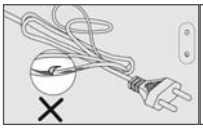
4.Because the laminator creats heat,keep out of reach of children.



5. Do not operate machine for any other purpose other than its intended use.



6. This machine is for indoor use only.



7. Do not operate the machine if the outlet or power cord is damaged. Contact a qualified electrician.

CONTROL PANEL INSTRUCTIONS

Appropriate speed and temperature may be set, using the LCD controller.

CONTROL PANEL SETTINGS

LCD DISPLAY

BUTTONS

LCD DISPLAY

FILM
This displays the current film thickness.
10 film settings
3 mil=75 mic, 4 mil=100 mic, 5 mil=125 mic
6mil=150mic,7 mil=175 mic, 8mil=200mic,
10mil=250mic,

SPEED
12 speed options (1-12)

TEMPERATURE

This displays the current temperature.
displayed when desired temperature is met.

READY

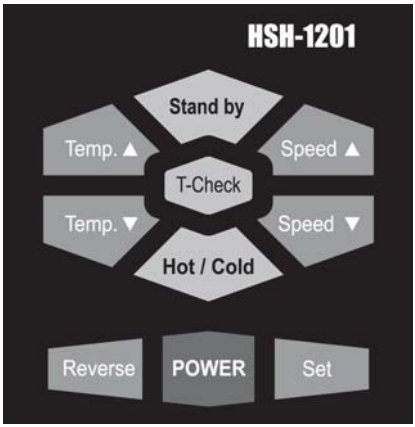
This Indicates that the current temperature is either higher or lower than the preset temperature.Wait until the indicator stops blinking.

Indicates what direction the rollers are moving in (FWD/REV).

OPERATION
RUN

Indicates if the machine is ON or OFF.

CONTROL PANEL FUNCTIONS



T-Check
Press this to check the current temperature

Hot / Cold
Press this to choose the Hot/Cold function

Temp. ▲
Press this to increase the temperature

Temp. ▼
Press this to decrease the temperature

Speed ▲
Press this to increase the speed

Speed ▼
Press this to decrease the speed

Stand by
Set temperature 176°F(80°C) speed 2

Set
Press this to scroll through preset settings

Reverse
Reverse function

Power
Power ON/OFF

HOT LAMINATING PROCEDURE

1. Place and use the laminator on a sturdy, flat work surface.
2. Plug in the laminator after verifying the correct outlet voltage.
3. Press the power button.
4. Make sure the machine is in the HOT lamination mode by pressing the HOT/COLD button.
5. Select the correct pouch thickness by pressing the Set button.
6. Set the temperature and speed according to the pouch thickness. Please refer to the SPECIFICATIONS section for recommended settings
7. The symbol will appear and you will hear 3 beeps when your desired temperature is met. The machine is now ready for lamination.
8. Place the item to be laminated into the laminating pouch.
9. Insert the pouch (sealed side first) into the front opening of the machine.
10. The laminated item will exit out the rear of the machine when completed.
11. If you laminate several items continuously the may disappear, please wait until it is displayed again before continuing lamination.
12. When the machine is on for an extended period of time, use a slightly lower temperature setting as the internal temperature of the machine may actually be higher than the preset temperature, which may cause the document to bend
13. When you are finished laminating, press the OFF button. The rollers will continue to roll until the temperature decreases to 140°F(60°C).

NOTE: Your laminated item will be hot and can easily bend. To keep your laminated item flat, place on a flat surface and allow to cool.

COLD LAMINATING PROCEDURE

1. Set the laminator in the COLD lamination mode by pressing the HOT/COLD button.
2. The symbol will appear and you will hear 3 beeps when the machine is in the cold temperature mode. The machine is now ready for lamination.
3. Place the document to be laminated on the adhesive side of the cold film with the document face down.
4. Insert the document to be laminated into the front opening of the machine. Remove the paper liner from the cold film slowly while the document is being inserted into the machine.

NOTE: When switching the machine from the hot to cold mode, please wait until the rollers cool down. It will take approximately 20-30 minutes. The symbol will appear and you will hear 3 beeps.

COLOR FOIL LAMINATING PROCEDURE

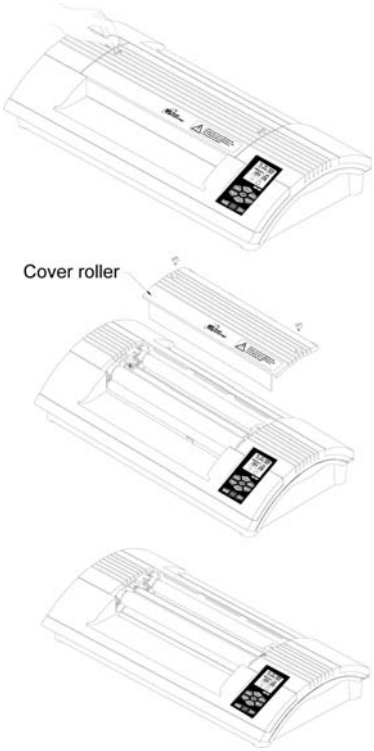
IMPORTANT: Carrier is required for Foil Lamination

1. Set the temperature and speed according to the pouch thickness (FOIL). Please refer to the SPECIFICATIONS section for recommended settings.
2. The READY (ıllllıı) symbol will stop blinking and a symbol will appear when the correct temperature is met. The machine is now ready for lamination.
3. Position the color foil on the document with the color side facing up. When you are applying the foil to small areas or using different colors, use the tape that's included to hold the foil in place.
4. Place the document into the paper carrier.
5. Insert the carrier into the front opening of the machine.
6. The carrier will exit out the rear of the machine when completed.

NOTE: Your laminated item will be hot and can easily bend. To keep your laminated item flat, place on a flat surface and allow to cool.

MAINTENANCE

When adhesives from film build up on the rollers, the quality of lamination will decrease and jamming may occur. Please clean the rollers regularly.



1. Turn on the laminator and set the temperature to 212°F(100°C) and set the mil thickness to 4mil(100mic).

2. Insert a sheet of clean thick paper (about 0.5mm to 1/50" thick) into the front opening of the machine 2-3 times to remove excess adhesives from the rollers.

3. To thoroughly clean the rollers make sure the machine is in the COLD mode and the rollers are completely cool.

4. Unscrew the 2 screws on the cover using a screwdriver. Once the screws are off, remove the top cover.

5. Use a cleaning solvent such as Laminex Poly-off or something equivalent on a lint free cloth to clean residue on the rollers. (Do not use alcohol or petroleum based cleaning solvents or abrasives).

6. Place the cover and screws back into place and tighten.

7. Use and store this unit in a dry area, damp area may damage the machine.

TROUBLESHOOTING

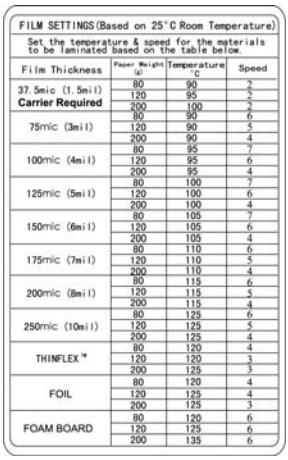
Problem	Possible Cause	Possible Solution
Motor doesn't work	- Power cord may not be plugged in. - Power switch is off	- Check and plug in the power cord. - Check and turn on the power.
Pouches are not laminating correctly	- If laminating heat sealed pouches, the machine may be set in the COLD mode. - The temperature may be set too low - The speed is set too high	- Make sure the machine is in the HOT mode - Check the temperature is set according to pouch thickness. - Adjust to a lower speed.

SPECIFICATIONS

Model	HSH-1201
Dimensions	22.8"x11.4"x4.9" (in) 580x290x124 (mm)
Max.Laminating Width	13 (in) 330 (mm)
Max.Lam. Thickness	1/10" (in) 3mm
Film Thickness	1.5-10 (mil) 37.5 ~ 250mic
Heat method	Hot Roller
Warm up time	5'30" min
Cooling system	DC FAN
Motor Type	DC GEARED MOTOR
Laminating speed	8.86 (ft/min) 2700 (mm/min)
Number of rollers	6
Unit weight	32 (lbs) 14.5Kg
Voltage supply	100V/120V/220~240V(50~60Hz)
Power Consumption	1200W/1200W/1200~1300 W

POUCH FILM SETTINGS

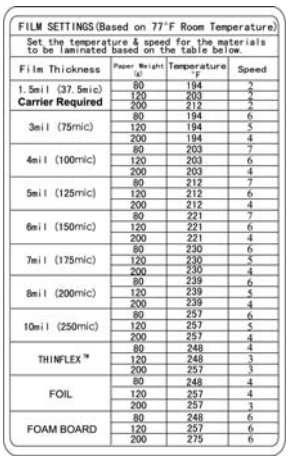
Please refer to the settings below if you are laminating a few items.



FILM SETTINGS (Based on 25°C Room Temperature)

Set the temperature & speed for the materials to be laminated based on the table below.

Film Thickness	Paper Weight (g)	Temperature °C	Speed
37.5mic (1.5mil) Carrier Required	80	90	3
	120	95	2
	200	100	2
75mic (3mil)	80	90	6
	120	90	5
	200	90	4
100mic (4mil)	80	95	7
	120	95	6
	200	95	4
125mic (5mil)	80	100	7
	120	100	6
	200	100	4
150mic (6mil)	80	105	7
	120	105	6
	200	105	4
175mic (7mil)	80	110	6
	120	110	5
	200	110	4
200mic (8mil)	80	115	6
	120	115	5
	200	115	4
250mic (10mil)	80	125	6
	120	125	5
	200	125	4
THINFLEX™	80	120	4
	120	120	3
	200	125	3
FOIL	80	120	4
	120	125	4
	200	125	3
FOAM BOARD	80	120	6
	120	125	6
	200	135	6

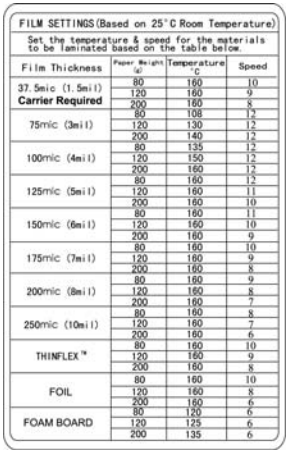


FILM SETTINGS (Based on 77°F Room Temperature)

Set the temperature & speed for the materials to be laminated based on the table below.

Film Thickness	Paper Weight (g)	Temperature °F	Speed
1.5mil (37.5mic) Carrier Required	80	194	3
	120	203	2
	200	212	2
3mil (75mic)	80	194	6
	120	194	5
	200	194	4
4mil (100mic)	80	203	7
	120	203	6
	200	203	4
5mil (125mic)	80	212	7
	120	212	6
	200	212	4
6mil (150mic)	80	221	7
	120	221	6
	200	221	4
7mil (175mic)	80	230	6
	120	230	5
	200	230	4
8mil (200mic)	80	239	6
	120	239	5
	200	239	4
10mil (250mic)	80	257	6
	120	257	5
	200	257	4
THINFLEX™	80	248	4
	120	248	3
	200	257	3
FOIL	80	248	4
	120	257	4
	200	257	3
FOAM BOARD	80	248	6
	120	257	6
	200	275	6

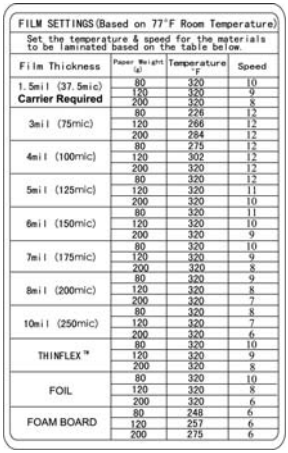
Please refer to the settings below if you are laminating a few items.



FILM SETTINGS (Based on 25°C Room Temperature)

Set the temperature & speed for the materials to be laminated based on the table below.

Film Thickness	Paper Weight (g)	Temperature °C	Speed
37.5mic (1.5mil) Carrier Required	80	160	10
	120	160	9
	200	160	8
75mic (3mil)	80	108	12
	120	130	12
	200	140	12
100mic (4mil)	80	135	12
	120	150	12
	200	160	12
125mic (5mil)	80	160	12
	120	160	11
	200	160	10
150mic (6mil)	80	160	11
	120	160	10
	200	160	9
175mic (7mil)	80	160	10
	120	160	9
	200	160	8
200mic (8mil)	80	160	9
	120	160	8
	200	160	7
250mic (10mil)	80	160	8
	120	160	7
	200	160	6
THINFLEX™	80	160	10
	120	160	9
	200	160	8
FOIL	80	160	10
	120	160	8
	200	160	6
FOAM BOARD	80	120	6
	120	125	6
	200	135	6



FILM SETTINGS (Based on 77°F Room Temperature)

Set the temperature & speed for the materials to be laminated based on the table below.

Film Thickness	Paper Weight (g)	Temperature °F	Speed
1.5mil (37.5mic) Carrier Required	80	320	10
	120	320	9
	200	320	8
3mil (75mic)	80	226	12
	120	266	12
	200	284	12
4mil (100mic)	80	275	12
	120	302	12
	200	320	12
5mil (125mic)	80	320	12
	120	320	11
	200	320	10
6mil (150mic)	80	320	11
	120	320	10
	200	320	9
7mil (175mic)	80	320	10
	120	320	9
	200	320	8
8mil (200mic)	80	320	9
	120	320	8
	200	320	7
10mil (250mic)	80	320	8
	120	320	7
	200	320	6
THINFLEX™	80	320	10
	120	320	9
	200	320	8
FOIL	80	320	10
	120	320	8
	200	320	6
FOAM BOARD	80	248	6
	120	257	6
	200	275	6

Model No. HSH-1201

LIMITED ONE YEAR WARRANTY

1 This warranty applies to repair or replacement of product found to be defective in material or workmanship for one year from the date of the original purchase. This warranty is extended only to the original purchaser.

2 This warranty does not apply to damage resulting from abuse, misuse or improper maintenance or damage that is attributable to acts of God. Royal Sovereign International, Inc. (and its affiliated companies) is not liable for incidental or consequential damages of any nature. This limitation would not apply if you live in those areas that do not permit the exclusion or limitation of incidental or consequential damages.

3 Royal Sovereign International will repair or replace this product if it is found to be defective in material or workmanship. Defective product must be returned to Royal Sovereign International, freight prepaid, with proof of purchase and Return Shipping & Handling payment (check or money order). Upon repair or replacement the product will be returned to the customer.

Return defective product to the following address with a detailed description of the problem. If possible, pack in original carton. Pleaseprepay shipping charges.

For service or sales please contact your local Royal Sovereign office:

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